

A Report on Exposure Programme, Training for College Students (10 - 11 August 2017)

Organized by

DBT – Advanced Level State Biotech HUB
Department of Biotechnology
Mizoram University, Aizawl, Mizoram

A training programme on “**Basic Tools in Recombinant DNA Technology**” was organized by DBT – Advanced Level State Biotech HUB, Department of Biotechnology, Mizoram University for 5th Semester, B.Sc Biotechnology, Pachhunga University College. The programme was held from 10th to 11th August 2017 from 10AM- 4:30PM.

The students had exposure to research laboratory set up in the department. They were accompanied by two teachers, Dr. Liansangmawii Chhakchhuak and Mr. MC Zirkunga. The sessions involved hands on training in different biotechnology techniques. The resource person was Mr. Souvik Ghatak, researchscholar.

10 August 2017: On the first day lecture cum practical session on PAGE was covered. The students were taught and trained on how to organize and polyacrylamide gel electrophoresis, its importance, and applications. In the afternoon, cloning techniques were explained and a lecture and practical session on Isolation of Plasmid DNA and Restriction Digestion was conducted for the students.

11 August 2017: On the second day, the ongoing practical sessions on Isolation of Plasmid DNA and Agarose Gel Electrophoresis and PAGE were continued. The students learnt techniques involved in qualitative analysis of DNA and quantitative analysis using Gel Documentation System. The afternoon session covered lecture and practical session on polymerase chain reaction (PCR) followed by instrumentation demonstration.

The 5th semester students of Biotechnology gained a lot of practical knowledge from the hands-on session and gave them a deeper understanding on the various techniques and theoretical lectures in their course.



A handwritten signature in black ink, appearing to be 'S. Ghatak', is written above the title.

Head
Department of Biotechnology